

THERE IS CLAIMED:

1. A method enabling a mobile user having a terminal at least able to connect to a public land mobile network and a terminal at least able to connect to a wireless local area network forming part of a private network on switching between said public land mobile network and said private network to receive calls via the network more suited to his location, which method consists in:
  - determining if said terminal able to connect to said wireless local area network is present in or absent from the coverage area of said wireless local area network, and
  - activating call forwarding to a predetermined call forwarding number when said terminal at least able to connect to a wireless local area network is present in said coverage area of said wireless local area network and then deactivating call forwarding when said terminal is no longer present in said coverage area of said wireless local area network, and which method further consists in, for activating call forwarding:
    - determining the location of a user in one of a plurality of cells of said wireless local area network,
    - reading a plurality of call forwarding numbers stored in a table at an address corresponding to said user, and
    - selecting one of said call forwarding numbers as a function of a presence indication designating one of a plurality of cells constituting said wireless local area network.
2. The method claimed in claim 1 further comprising writing in said table, for each user authorized to receive calls via the network more suited to his location:
  - a number specific to said terminal at least able to connect to a public land mobile network and enabling said terminal to be called in said public land mobile network,
  - a plurality of call forwarding numbers corresponding to a plurality of respective cells of said wireless local area network in which said user may be located, and
  - a presence indication designating one of a plurality of cells constituting said wireless local area network.
3. The method claimed in claim 2, further comprising writing in a table of an application server a new presence indication for each user whose

location has changed.

4. The method claimed in claim 1 wherein a call forwarding number corresponds to a terminal of a fixed network.
5. The method claimed in claim 1 wherein, to determine the location of a user in the coverage area of a wireless local area network, it comprises the steps of:
  - obtaining from each successive radio access point of a wireless local area network the number of terminals present in its coverage area,
  - then, for each radio access point of said wireless local area network, obtaining n times from said access point an identifier specific to a terminal, where n is the number of terminals present in the coverage area of said radio access point, and
  - receiving and then storing said identifiers and comparing them with identifiers previously stored to deduce from the result of the comparison which terminals have become present and which terminals have become absent in the coverage area of said wireless local area network.
6. An application server for implementing a method as claimed in claim 1, said server comprising means for, when a terminal adapted to connect to said wireless local area network becomes present in the coverage area of a wireless local area network:
  - sending a public land mobile network a call forwarding activation message containing:
    - a number specific to a terminal at least able to connect to a public land mobile network and enabling it to be called in said public land mobile network, and
    - a call forwarding number, and
  - sending said public land mobile network a call forwarding deactivation message containing said number specific to said terminal at least able to connect to a public land mobile network and enabling it to be called in said public land mobile network when said terminal adapted to connect to said wireless local area network is no longer present in the coverage area of said wireless local area network,in which server said means for sending a public land mobile network a call forwarding activation message include:
  - a table containing a plurality of call forwarding numbers for at least

one user, and

- means for selecting one of said call forwarding numbers as a function of a presence indication designating one of a plurality of cells constituting said wireless local area network.